PATENT COOPERATION TREATY

From the INTERNATIONAL SEARC	HING ALTTHOR	ITY	aution in	EAI I			
INTERNATIONAL SEARCHING AUTHORITY To: RICHARD L. BYRNE THE WEBB LAW FIRM 436 SEVENTH AVENUE 700 KOPPERS BUILDING PITTSBURGH, PA 15219-1845		PCT WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY					
				(PCT Rule 43 <i>bis</i> .1)			
<u></u>			Date of mailing (day/month/year) 08 JUN 2006				
Applicant's or agent's file	reference		FOR FURTHER ACTION				
4375-060040				See paragraph 2 below			
International application N	o. I	nternational filing date	(day/month/year)	Priority date (day/month/year)			
PCT/US06/03152 27 January 2006 (27.01.: International Patent Classification (IPC) or both national classification		2006)	27 January 2005 (27.01.2005)				
			ion and IPC				
IPC: G01T 1/24(2006 USPC: 250/370.01,370.1	5.01) B05D 3/06(2006.01)					
Applicant							
II-VI INCORPORATED							
1. This opinion contains i	indications relatin	g to the following item	s:				
Box No. I	Basis of the op	inion					
Box No. II	Priority						
Box No. III	Non-establishm	nent of opinion with reg	gard to novelty, inve	entive step and industrial applicability			
Box No. IV	Lack of unity o	finvention					
Box No. V	Reasoned state applicability; c	ment under Rule 43bis. itations and explanation	l(a)(i) with regard in supporting such s	to novelty, inventive step or industrial			
Box No. VI	Certain docume		0				
Box No. VII							
Box No. VIII Certain observations on the international application							
2. FURTHER ACTIO	N						
If a demand for international Prelimina	ational prelimina ary Examining A is one to be the l	outhority ("IPEA") exc IPEA and the chosen I	cept that this does PEA has notified the	be considered to be a written opinion of the s not apply where the applicant chooses an he International Bureau under Rule 66.1bis(b) lered.			
IPEA a written reply to	gether, where apport before the expi	propriate, with amendn ration of 22 months fro	ients, before the ex	PEA, the applicant is invited to submit to the piration of 3 months from the date of mailing whichever expires later.			
3. For further details, see notes to Form PCT/ISA/220.							
Name and mailing address of Mail Stop PCT, Attn Commissioner for Pa P.O. Box 1450 Alexandria, Virginia	: ISA/US tents	Date of completi	on of this opinion	Authorized officer OTILIA GABOR PRIMARY EXAMINER David Porta			
Facsimile No. (571) 273-320				Telephone No. 571-272-2444			

Form PCT/ISA/237 (cover sheet) (April .2005)

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No	
PCT/US06/03#\$2	

Box No. I Basis of this opinion	
1. With regard to the language, this opinion has been established on the basis of:	
the international application in the language in which it was filed	I
a translation of the international application into, which is the lan international search (Rules 12.3(a) and 23.1(b)).	guage of a translation furnished for the purposes of
With regard to any nucleotide and/or amino acid sequence disclosed in the in invention, this opinion has been established on the basis of:	nternational application and necessary to the claimed
a. type of material	
a sequence listing	•
table(s) related to the sequence listing	
b. format of material	
on paper	
in electronic form	•
c. time of filing/furnishing	
contained in the international application as filed.	•
filed together with the international application in electronic form.	
F	•
furnished subsequently to this Authority for the purposes of search.	•
In addition, in the case that more than one version or copy of a sequence or furnished, the required statements that the information in the subseq application as filed or does not go beyond the application as filed, as appr	ment or additional!!-!!
4. Additional comments:	
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DOTAGA PARO	

Form PCT/ISA/237(Box No. I) (April 2005)

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No. PCT/US06/03 | F

. Statement				
Novelty (N)	Claims 1-	-15		,
	Claims N	ONE		YI
Inventive step (IS)	Claims 1-	15		Y
	Claims No	ONE	· · · · · · · · · · · · · · · · · · ·	N
Industrial applicability (IA)	Claims 1-	15		3.0
				Y
				·`
Citations and explanations:				
laims 1-15 meet the criteria set out in PCT Arti ystal made of a compound comprising CdZnTe uthenium or Osmium or a combination of the to		the prior art does no column III or column	t teach or fairly sugges n VII of the periodic ta	st a radiation detectible as well as eithe
laims I-15 meet the criteria set out in PCT Artic made or used in industry.	cle 33(4), and thus med	et industrial applicab	oility because the subje	ct matter claimed
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